

The Urban District of Litherland.

ANNUAL REPORTS

of the

Medical Officer of Health

and of the

Sanitary Inspector

For the Year 1949.

The Urban District of Litherland.

ANNUAL REPORTS

of the

Medical Officer of Health

and of the

Sanitary Inspector

For the Year 1949.



Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

<https://archive.org/details/b29735038>

THE URBAN DISTRICT COUNCIL OF LITHERLAND.

YEAR 1949.

Chairman of the Council:

COUNCILLOR W. WALL, J.P.

Chairman of the Health Committee:

COUNCILLOR J. EATON.

Deputy Chairman of the Health Committee:

COUNCILLOR J. H. WALL.

Councillors:

H. BELL.	F. MITCHELL..
L. CHORLEY.	J. L. PARRY. J.P.
P. T. CLUSKEY.	W. ROBBINS.
J. EATON.	R. RYDER.
W. GREGG.	J. H. WALL.
N. LONSDALE.	W. WALL. J.P.

Medical Officer of Health:

J. G. HAILWOOD, M.D., Ch.B., M.R.C.S., L.R.C.P., D.P.H

Sanitary Inspectors :

H. HARRISON, M.R.San.I., F.S I.A.

A. LAVELLE, A.R.San.I., M.S.I.A., up to 17/7/49.

J. E. SHEEN, A.R.San.I., M.S.I.A., from 18/9/49.

THE URBAN DISTRICT COUNCIL OF LITHERLAND.

TOWN HALL,
LITHERLAND,
LIVERPOOL, 21.

September, 1950.

To THE CHAIRMAN AND MEMBERS
OF THE HEALTH COMMITTEE.

GENTLEMEN,

I have pleasure in submitting herewith my Annual Report on the health and sanitary conditions of the district for the year ending 31st December, 1949.

My thanks are due to the Staff of the Department for their help and to the members of the Health Committee for their sustained interest in all that concerns the health of the district.

Yours obediently,

J. G. HAILWOOD,
Medical Officer of Health.

PARTICULARS TO BE INCLUDED IN THE
ANNUAL REPORT OF THE MEDICAL OFFICER OF
HEALTH FOR THE YEAR 1949.

1.—Statistics and Social Conditions of the Area.

Area in acres	...	...	...	...	...	...	818
Population—Census, 1931	...	...	...	...	...	...	15,987
Estimated, Mid 1949	...	...	...	...	...	...	22,480
No. of inhabited houses (Census, 1931)	...	...	...	...	...	...	3,464
„ „ „ on Rate Books, Dec., 1949...	...	...	...	...	...	...	5,760
Rateable Value	...	...	...	...	...	...	131,173
General Rate, 1948/9	...	...	...	...	...	...	17/0
Sum represented by a penny rate	...	...	...	...	...	...	£520

There is no special report to make on the influence of any particular occupation on public health.

UNEMPLOYMENT.—There are no separate figures at the Labour Exchange as to the extent of the unemployment in the district.

BIRTHS.

The number of children born in the district during 1949 was 423; 219 males and 204 females. This gives a Birth Rate of 19·6.

DEATHS.

The total number of deaths during the year 1949 was 209; 107 males and 102 females. This gives a crude Death Rate of 9·3, adjusted 11·5. 101 Deaths of Litherland residents occurred outside the district.

INFANTILE MORTALITY.

During the year 20 children died who, at the time of their death, had not reached the age of one year.

ZYMOTIC DEATHS.

During the year, there was one death from Whooping Cough, no deaths from Diphtheria, no deaths from Measles, and no deaths from Cerebro-Spinal Fever. This gives a Zymotic Death Rate of 0·13.

There were two deaths from Diarrhæal Diseases under the age of two years.

VITAL STATISTICS.

		Total	M.	F.
Live Births	Legitimate ...	423	219	204
	Illegitimate ...	17	10	7
	Total ...	<u>440</u>	<u>229</u>	<u>211</u>

Birth-rate per 1,000 estimated population mid-1949 ...						19·6
Stillbirths	...	...	...	7	3	4
Rate per 1,000 total (live and still) births ...						16
Deaths	...	...	...	209	107	102

Deaths from puerperal causes—			Death-rate per 1,000 Total (live and still) Births
Crude Death-rate per 1,000 estimated population			... 9·3
Adjusted ,, ,, ,, ,, ,, ,,			... 11·5
Puerperal and post-bortive sepsis			Nil
Other maternal causes			Nil
Total			Nil

*Death-rate of Infants under one year of age:—

All infants per 1,000 live births ...					45
Legitimate infants per 1,000 legitimate live births ...					45
Illegitimate infants per 1,000 illegitimate live births ...					59
Deaths from Cancer (all ages) ...					24
,, ,, Measles (all ages) ...					Nil
,, ,, Whooping Cough (all ages) ...					1
,, ,, Diarrhoea (under two years of age) ...					2

LITHERLAND U.D.C.

Population

For birth-rate,

For death-rates

22,480.

Mean of *5 years, 1944-1948		Per 1,000 of estimated population.				Maternal mortality rate.		Rate of deaths under one year per 1,000 live births
Year—		Live birth-rate	Crude death-rate	Death-rate from tuberculosis of respiratory system	Death-rate from cancer	Per 1,000 live births	Per 1,000 total (live and still) births	
1948	...	23.5	11.4	0.75	1.69	1.31	1.28	61
1949	...	21.3	9.3	0.85	1.62	2.11	2.08	36
	...	19.6*	9.3	0.36	1.07	Nil	Nil	45
<i>Increase or decrease in 1949 on—</i>								
5 years' average, 1944-1948	...	—3.9	—2.1	—0.39	—0.62	—1.31	—1.28	—16
Previous year	...	—1.7	—Nil	—0.49	—0.55	—2.11	—2.08	+9

* 1949 adjusted death rate (comparability factor, 1.24) = 11.5 per 1,000.

Age at date of Inoculation	14 1935	13 1936	12 1937	11 1938	10 1939	9 1940	8 1941	7 1942	6 1943	5 1944	4 1945	3 1946	2 1947	1 1948	Under 1 1949	Total
Under 1 year	—	—	—	—	—	1	1	—	23	7	2	2	168	17	134	Under five years. 1181
1-2 years ...	11	6	2	5	9	14	44	118	144	115	209	189	118	262	181	
2-3 „	21	5	9	10	6	21	37	96	51	23	31	41	37	32	11	
3-4 „	22	9	8	1	11	23	30	86	55	10	20	15	12	7	11	5-10 years 1175
4-5 „	30	10	12	16	10	26	31	63	59	7	11	9	7	10	10	
5-6 „	47	38	29	30	31	63	59	55	35	5	19	2	5	6	12	
6-7 „	51	17	16	29	14	35	41	46	38	1	19	11	3	8	11	10-15 years. 1154
7-8 „	41	24	14	13	10	11	27	22	30	7	12	2	—	2	13	
8-9 „	40	40	9	9	16	16	24	14	25	6	8	3	2	1	10	
9-10 „	36	31	18	12	12	9	19	16	24	3	7	2	—	—	12	Over 15 years 1276
10-11 „	55	41	9	8	9	11	21	9	25	8	5	5	1	1	7	
11-12 „	30	37	9	3	4	6	18	8	9	2	8	4	—	—	—	
12-13 „	21	21	4	4	2	9	9	13	8	1	2	7	1	—	—	
13-14 „	11	14	7	6	1	9	8	1	8	1	1	3	—	—	—	
14-15 „	—	1	—	—	—	—	1	—	—	—	—	1	—	—	—	
15 yrs. & over	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	Totals ...
Age not known	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totals ...	416	294	146	146	135	255	370	547	534	196	354	296	354	346	412	4786

CAUSES OF DEATH IN LITHERLAND URBAN DISTRICT, 1949.

<i>Causes of Death.</i>				<i>M.</i>		<i>F.</i>
				107	—	102
1.	Typhoid and Paratyphoid Fevers	...	...	—	...	—
2.	Cerebro-spinal Fever	...	...	—	...	—
3.	Scarlet Fever	...	...	—	...	—
4.	Whooping Cough	...	...	—	...	1
5.	Diphtheria	...	...	—	...	—
6.	Tuberculosis of Respiratory System	...	...	4	...	4
7.	Other Tuberculosis Diseases	...	...	—	...	2
8.	Syphilitic diseases	...	...	2	...	2
9.	Influenza	...	...	—	...	—
10.	Measles	...	...	—	...	—
11.	Ac. polio-mpel: and polio-enceph	...	...	—	...	—
12.	Ac. inf. enceph.	...	...	—	...	—
13.	Cancer of buc. cav. & oesoph. (M.), uterus (F.)	...	...	2	...	2
14.	Cancer of stomach and duodenum	...	...	3	...	3
15.	Cancer of breast	...	...	—	...	2
16.	Cancer of all other sites	...	...	7	...	5
17.	Diabetes	...	...	0	...	1
18.	Intra-cran: visc: lesions	...	...	10	...	11
19.	Heart Disease	...	...	23	...	31
20.	Other diseases of circ. system	...	...	5	...	5
21.	Bronchitis	...	...	10	...	2
22.	Pneumonia	...	...	9	...	10
23.	Other Respiratory Diseases	...	...	—	...	—
24.	Ulcer of stomach or duodenum	...	...	1	...	0
25.	Diarrhoea (under 2 years)	...	...	1	...	1
26.	Appendicitis	...	...	—	...	—
27.	Other Digestive Diseases	...	...	2	...	2
28.	Nephritis	...	...	4	...	4
29.	Puer. and post-abortion. sepsis	...	...	—	...	—
30.	Other maternal causes	...	...	—	...	—
31.	Premature Birth	...	...	1	...	2
32.	Con. mal: birth inj. infant dis:	...	...	3	...	4
33.	Suicide	...	...	1	...	—
34.	Road Traffic acc.	...	...	0	...	1
35.	Other violent causes	...	...	4	...	1
36.	All other causes	...	...	9	...	6
All causes				107	...	102

S.D. 55.

Birth Rates, Civilian Death Rates, Analysis of Mortality, Maternal Mortality, and Case Rates for certain Infectious Diseases in the Year 1949.

(Provisional Figures based on Weekly and Quarterly Returns.)

	England and Wales.	126 County Boroughs and Great Towns, including London.	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census).	London. Administrative County.
Rates per 1,000 Civilian Population.				
Births— *				
Live Births	16.7 (a)	18.7	18.0	18.5
Still Births	0.39 (a)	0.47	0.40	0.37
Deaths—				
All Causes	11.7 (a)	12.5	11.6	12.2
{ Typhoid and Paratyphoid Fevers ...	0.00	0.00	0.00	0.00
Whooping Cough	0.01	0.02	0.01	0.01
Diphtheria	0.00	0.00	0.00	0.00
Tuberculosis	0.45	0.52	0.42	0.52
Influenza	0.15	0.15	0.14	0.11
Smallpox... ..	0.00	0.00	—	—
Acute Poliomyelitis and Polioencephalitis ...	0.01	0.02	0.02	0.01
Pneumonia	0.51	0.56	0.49	0.59
Notifications—(Corrected)				
Enteritis and Diarrhoea under 2 years of age ...	3.0	3.8	2.4	1.7
Typhoid Fever	0.01	0.01	0.01	0.01
Paratyphoid Fever	0.01	0.02	0.01	0.01
Cerebro-Spinal Fever ...	0.02	0.03	0.02	0.02
Scarlet Fever	1.63	1.72	1.83	1.46
Whooping Cough	2.39	2.44	2.39	1.70
Diphtheria	0.04	0.05	0.04	0.07
Erysipelas	0.19	0.20	0.19	0.17
Smallpox... ..	0.00	0.00	0.00	0.00
Measles	8.95	8.91	9.18	8.54
Pneumonia	0.80	0.91	0.65	0.55
Acute Poliomyelitis ...	0.13	0.13	0.12	0.18
Acute Polioencephalitis	0.01	0.01	0.02	0.01
Food Poisoning	0.14	0.16	0.14	0.19
Deaths—All causes under 1 year of age ...	32 (b)	37	30	29
Rates per 1000 Total (Live and Still) Births:—				
Notifications (Corrected)				
Puerperal Fever and Pyrexia	6.81	8.14	5.30	6.82

Maternal Mortality in England and Wales.

International List No. and cause	Rates per 1000 total (Live and Still) Births.	Rates per million women aged 15-44.
140 Abortion with Sepsis ..	0.11	8
141 Abortion without Sepsis ..	0.05	4
147 Puerperal Infections ..	0.1	
142-146, 148-150 Other maternal causes	0.71	

(a) Rates per 1,000 total population

(b) Per 1,000 related live births.

2.—General Provision of Health Services for the Area.

HOSPITALS.

There are no hospitals in the district. Infectious diseases are admitted to Hospitals in Liverpool.

No arrangements are in force for hospitalisation of minor infectious disease, such as Measles. While the need for hospital treatment arises but rarely in these cases, it is occasionally imperative, and when this occurs difficulty is found in obtaining admission of the patient to hospital.

TUBERCULOSIS.

This work is administered by the Lancashire County Council, the Tuberculosis Dispensary being situated at "Ellesmere," Crosby Road North, Waterloo.

MATERNITY.

There is no Maternity Hospital in the district, but the Liverpool, Bootle and Crosby Hospitals are available.

MIDWIVES.

There are three Midwives on the County Council Register and practising in the district. There are no Health Visitors, Nurses or Midwives employed by or assisted by the Local Authority.

GENERAL MEDICAL. GENERAL SURGICAL.

These cases are removed to the General Hospitals of Liverpool, Bootle and Waterloo.

CHILDREN.

The above Hospitals are used, also the Liverpool Children's Hospital.

VENEREAL DISEASES.

Patients make their own arrangements with the Liverpool Hospitals.

MATERNITY MORTALITY.

No special arrangements have been made for the investigation of maternal deaths, and cases of Puerperal Fever or Puerperal Pyrexia; this work is carried out by the Lancashire County Council.

AMBULANCE FACILITIES.

(a) For infectious diseases the Motor Ambulances of the Lancashire County Council.

(b) For non-infectious cases, accident and maternity cases the Motor Ambulances of the Lancashire County Council.

NATIONAL ASSISTANCE ACT, 1948.

No action has been necessary under the above Act during the year.

CLINIC AND TREATMENT CENTRES.

This work is administered by the Lancashire County Council. The Clinics are situated at 32 Linacre Road and Sefton Avenue, Litherland, and provide for:—

MATERNITY AND CHILD WELFARE. Consultation and treatment.

SCHOOL CLINIC. Dental, orthopædic, ophthalmic, ante natal and minor ailments.

The times of opening at 32 Linacre Road are as follows:—

Monday	...	...	...	9-30 a.m. to 12 noon;	2 to 4 p.m.
Tuesday	...	...	...	10-0 a.m. to 12 noon;	2 to 4 p.m.
Wednesday	...	...	...	9-30 a.m. to 12 noon;	2 to 4 p.m.
Thursday	...	...	...	9-15 a.m. to 12-15 p.m.;	2 to 4 p.m.
Friday	...	...	...	9-0 a.m. to 12 noon.	

There is no Artificial Light Clinic; or Institutional provision for unmarried mothers, illegitimate infants, or homeless children in the district.

A Day Nursery was opened on April 10th, 1943, to accommodate 50 children. It has proved a success and met a war-time need of some urgency. Consequently, an extension was opened on the 21st June, 1944, for 40 children. The Nursery is open from Monday to Friday at 7 a.m. to 7 p.m., and on Saturday from 7 a.m. to 1 p.m. Children of the age of 6 months to 5 years are accepted. This nursery is administered by the County Council.

PROFESSIONAL NURSING IN THE HOME.

Two District Nurses visit on request of the Medical Practitioners by arrangement. This service is administered by the County Council.

DOMESTIC HELP SERVICE.

This service is administered by the County Council.

PATHOLOGICAL AND BACTERIOLOGICAL EXAMINATIONS.

Sputum.—These specimens are sent direct to Lancashire County Council Tuberculosis Dispensary, by Medical Practitioners.

Blood, Throat Swabs, etc.—Sent direct by Medical Practitioners to Liverpool University, Bacteriological Department.

Milk.—Seven samples were submitted to Liverpool University.

3.—Sanitary Circumstances of the Area.

WATER SUPPLY.

The water supply is obtained from the City of Liverpool; the chief source is Lake Vyrnwy in Wales. The water is excellent in quality, and there is a constant supply for all purposes. The number of houses supplied direct from the public mains is approximately 5,760. There has been no analysis during the year this work is carried out by Liverpool Corporation. Complaints of discolouration and sediment were reported to Liverpool Corporation and received prompt attention. The whole of the dwelling-houses are supplied from the public water mains direct to the houses.

DRAINAGE AND SEWAGE.

The sewage (which is dealt with on the combined system) is discharged without treatment into the River Mersey.

The first portion of the Rimrose Brook Drainage Scheme has been completed; the second portion when completed should remove flooding in the lower lying part of the district.

RIVERS AND STREAMS.

No action has been necessary to check pollution of rivers and streams and no new works have been established to cause pollution.

Closet accommodation at the end of 1949:—

Privy Middens—

No. of Middens	...	...	...	...	One.
No. of Closets attached to these Middens...					One.
No. of Pail Closets	...	...	...	...	Nil.
No. of Houses with Fresh Water Closets...					5,759
No. of Waste Water Closets	...	...	...	...	Nil.

SCAVENGING.

This work was transferred during 1942 from the Surveyor's Department to the Sanitary Department, under the supervision of the Sanitary Inspector, and is working satisfactorily. Refuse is conveyed by motor vehicles to the Council's tips, situated in Beach Road, Litherland.

SANITARY INSPECTIONS DURING 1949.

No. of premises visited	...	...	...	...	2,432
Defects or Nuisances—					
No. discovered	...	...	...	...	2,785
No. abated	...	...	...	...	2,665
No. of Notices served—					
Informal	...	...	...	...	1,968
Statutory	...	...	...	...	6
Legal Proceedings	...	...	...	...	Nil.

OFFICES AND SHOPS ACT, 1934.

No statutory action has been necessary; sanitary defects, etc., have been carried out as required.

CAMPING SITES.

There were no licences issued for camping sites during the year.

SWIMMING BATHS AND POOLS.

There are no Swimming Baths or Pools within the District.

ERADICATION OF BED BUGS.

Sixty-two houses were disinfected during the year; 5 Council houses and 57 other houses, by means of spraying with D.D.T. in Zaldecide and sulphur candles. One hundred and thirty-nine houses were disinfected for cockroaches, fleas, ants, earwigs and wood worm.

Snails in the back passages were treated with salt.

SCHOOLS.

The sanitary condition and the water supply of the schools in the district is generally satisfactory. The schools have been disinfected after the holidays. There was no closing of schools as a result of infection during the year.

PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYE-LAWS OR REGULATIONS.

There are no Common Lodging Houses; Houses let in Lodgings; Tents, Vans or Sheds, or Underground Sleeping Rooms in the district.

OFFENSIVE TRADES.

There are three Tanneries and ten Fish and Chip Potato premises in the district; these are inspected from time to time.

SLAUGHTER-HOUSES.

There is only one Private Slaughter-house in the district, and this is a Registered Slaughter-house.

RAG FLOCK ACTS, 1911 AND 1928.

There are no premises in the district in which Rag Flock is manufactured or sold.

CANAL BOATS.

Number inspected: None.

4.—Housing.**STATISTICS FOR THE YEAR 1949.**

There were 113 houses built during the year; one hundred by the Council and thirteen by other bodies.

HOUSING APPLICATION FORMS, 1949.

Housing Application Forms for Council houses are continually being received, both from inside and outside the district.

The number of dwelling houses overcrowded at the end of the year was approximately 810, the number of new cases of overcrowding reported during the year was 273, and 119 cases of overcrowding have been relieved during the year. Eighteen cases of overcrowding in houses owned by the Council have been relieved during the year. There is still a serious shortage of houses for all classes of people in the district.

5.—Inspection and Supervision of Food.**MILK SUPPLY.**

The Cowsheds, Dairies, and Milk Shops within the district are periodically inspected, and every effort is being made to produce clean healthy milk.

Seven samples were obtained from persons selling milk within the district, and sent for Bacteriological examination.

“Tubercle Bacilli” was negative in all samples.

Veterinary inspections are carried out if any animal is suspected, or on a sample of milk showing Tubercle Bacilli.

FOOD AND DRUGS ACT, 1938.

Fifteen samples of milk were submitted to the County Analyst; all samples were reported genuine.

The following 133 samples were obtained in Litherland by the County Sanitary Officer during the year:—

Milk, 101; Butter, 6; Margarine, 6; Cooking Fat, 6; Cheese, 2; Cream of Tartar, 3; Sultanas, 2; Table Jellies, 2; Bacon, 2; Beef Sausage, 1; Prunes, 1; Dates, 1.

All the above samples were certified by the County Analyst to be genuine with the exception of one formal milk, which was found on analysis to be deficient of 42 per cent. fat. Legal proceedings were instituted against the vendor, but the case was dismissed.

MEAT AND OTHER FOODS.

The food exposed for sale or prepared in the district has been examined from time to time. The premises and shops have been kept in a cleanly state.

BAKEHOUSES.

There are eight Bakehouses in the district; these are in a sanitary condition, clean and well kept; minor repairs have been attended to.

ANNUAL RETURN OF FOOD POISONING NOTIFICATIONS (CORRECTED).

1. *Local Authority* Litherland, Liverpool, 21, Lancs. Year 1949
2. *Food Poisoning Notifications (Corrected) Returned to R.G.*

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Nil	...	Nil	...	Nil
3. *Outbreaks Due to Identified Agents.*

Total Outbreaks	Total cases Nil
-----------------	-----------------
- *Outbreaks due to:—

(a) Chemical Poisons	(d) C.I. botulinum
(b) Salmonella Organisms	(e) Other bacteria
(c) Staphylococci (including toxin)	
4. *Outbreaks of Undiscovered Cause.*

Total Outbreaks	Total cases Nil
-----------------	-----------------
5. *Single Cases.*

Agent identified	Unknown cause	Total Nil
------------------	---------------	-----------

* Details of each outbreak to be given in Appendix D (11).

6.—Prevalence of and Control over Infectious Disease.

Three hundred and forty nine cases of infectious diseases were notified, and sixteen were removed to Hospital (see Tables of Notifiable Diseases).

DIPHTHERIA IMMUNIZATION.

Immunization against Diphtheria has been undertaken by the Local Authority until taken over by the County Council on July 5th, 1948; this is done at the County Clinic, Linacre Road, Litherland, by arrangement with Private Practitioners on Friday afternoon during school time; 412 cases were completed during the year, each receiving two injections of A.P.T.

Immunization against Diphtheria commenced on 17th May, 1935; during this period 5,393 cases have been immunized in the district, although many reside outside the district. 396 notifications of diphtheria have been received, and of these only 35 had previously been inoculated.

There were no deaths (see chart on Immunization on page 8) from diphtheria during the year.

SCARLET FEVER.

No return cases were discovered during the year, and there were no deaths from Scarlet Fever.

MALARIA.

There were no cases notified during the year.

ENTERIC FEVER (INCLUDING PARA-TYPHOID).

There were on cases of Enteric, Typhoid or Para-Typhoid notified during the year.

CANCER.

There were 24 deaths from Cancer (12 males and 12 females) during the year, as against 25 in 1948. Private Practitioners and Patients make their own arrangements with the Liverpool City Hospitals for Radium Treatment if necessary.

Death rate from Cancer was 1.07.

PREVENTION OF BLINDNESS.

This work is carried out by the Lancashire County Council.

TUBERCULOSIS.

No action has been necessary in respect of Tuberculosis employees in the Milk Trade, or to Section 62, Public Health Act, 1925, for removal to hospital of infectious persons suffering from Pulmonary Tuberculosis.

GENERAL.

There have been no Primary or Re-Vaccinations carried out by the Medical Officer of Health during the year.

It has not been necessary to close the schools during the year on account of sickness.

There have been no reports made under Article 17 (7) Sanitary Officers (Outside London) Regulations, 1935, which refers to cases of Plague, Cholera, Smallpox, or any serious outbreak of disease in the district.

INFLUENZA.

There was no severe Influenza Epidemic during the year.

There were no other diseases or cases of sickness which required special attention.

MEASLES.

Measles showed a decrease during the year, 210 cases being notified as against 254 in 1948.

WHOOPING COUGH.

Whooping Cough Prophylactic and Curative Serum has been made available to Medical Practitioners free of charge; 98 cases were notified during the year, as against 10 in 1948.

SCABIES.

Cases in diminishing numbers have been dealt with at home during the year.

DISINFECTION.

There were 120 rooms in 90 houses disinfected during the year by means of Formaldehyde Vapour and Izal (Sprayed) after Infectious Disease, including Tuberculosis. Several articles were disinfected at the Council's Disinfector (a Washington Lyons Type) situated in the Council's yard, Field Lane.

There is no arrangement for bathing verminous persons, etc.

Disinfestation has been carried out at sixty-two houses.

Notifiable Diseases, 1949.

Number of cases of Infectious Diseases notified, number of deaths from these diseases, number of cases removed to Hospital, and deaths in Hospital during the year 1949:—

NOTIFIABLE DISEASES.	CASES NOTIFIED.														TOTAL DEATHS.	HOSPITAL		
	Total Cases at all Ages.	YEARS.														Total Cases removed to Hospital.	Deaths of persons belonging to District.	
		Under 1	1	2	3	4	5	10	15	20	35	45	65 and over	ages not known				
Smallpox... ..	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	28	...	4	...	6	...	10	5	3	...	...	...	...	...	...	...	7	...
*Diphtheria, including Membranous Croup	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...
Enteric Fever, excluding Paratyphoid	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paratyphoid Fever	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles, (excluding rubella)	210	13	76	...	72	...	46	1	...	...	...	...	...	2	...	...	...	...
Whooping Cough	98	12	33	...	35	...	14	...	2	...	...	...	...	2	...	...	...	...
Pneumonia } Acute Primary Acute Influenzal }	2	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	2	...
Puerperal Pyrexia	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro-Spinal Fever	2	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis	2	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	2	...
Acute Polio-encephalitis	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Encephalitis Lethargica	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery	4	1	...	...	...	...	1	...	2	...	...	...	...	...	...	...	3	...
Ophthalmia Neonatorum	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...
Malaria— Contracted in this C'try	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Abroad	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Any other disease notifiable in district, e.g.— Chicken Pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Any other disease...	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anthrax	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gastro Enteritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Food Poisoning	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS	349	27	114	...	113	...	72	6	11	1	...	1	...	4	...	...	16	...

*A number of cases were removed to hospital as Diphtheria and were later certified as Tonsillitis or not infectious, and were removed from the register.

INFECTIOUS DISEASES.

349 cases of Infectious Disease were notified during the year.

	CASES NOTIFIED.									
	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940
Smallpox	...	Nil	Nil	...	...	...	...	...	...	...
Scarlet Fever	28	47	38	23	67	47	34	36	20	48
Diphtheria & Mem. Croup	1	2	16	9	26	12	23	27	36	61
Typhoid Fever	...	Nil	Nil	Nil	Nil	1	1	...	25	...
Paratyphoid	...	Nil	1	...	...	...	...	...	...	...
Erysipelas	1	1	4	2	7	8	5	9	6	2
Puerperal Pyrexia	...	2	Nil	Nil	Nil	...	1	2	...	2
Cerebro Spinal Fever ...	2	3	1	Nil	2	1	2	1	5	10
Poliomyelitis	2	Nil	2	Nil	Nil	...	...	...	...	1
Ophthalmia Neonatorum	1	Nil	Nil	1	Nil	1	...	1	1	...
ACUTE PRIMARY PNEUMONIA INFLUENZAL PNEUMONIA }	2	4	2	7	16	30	27	6	26	45
Anthrax	...	Nil	Nil	Nil	Nil	...	1	1	...	...
Acute Encephal Leth ...	...	Nil	Nil	Nil	Nil	...	...	...	...	...
Malaria	...	1	Nil	1	Nil	...	...	...	...	...
Acute Polio-Encephalitis	...	Nil	Nil	Nil	Nil	...	...	...	...	...
Measles (excluding rubella)	210	254	174	199	71	369	185	323	30	370
Whooping Cough	98	10	91	71	38	111	69	35	84	122
Dysentery	4	3	1	2	2	1	...	...	...	...
Chicken Pox	...	Nil	Nil	1	...	...	...	...	...	...
Gastro Enteritis... ..	...	2	2	...	...	...	...	...	...	...
Food Poisoning	...	...	...	...	...	...	...	...	...	...
	349	329	332	316	229	581	348	441	233	661

INFECTIOUS DISEASES.

	CASES REMOVED TO HOSPITAL									
	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940
Smallpox	...	...	Nil	...	...	...	...	Nil	...	...
Scarlet Fever	7	9	12	11	42	13	19	16	13	28
Diphtheria	1	2	20	16	36	17	23	21	38	60
Typhoid Fever	...	...	Nil	...	...	...	...	Nil	...	...
Para-typhoid Fever ...	...	...	1	...	...	1	1	Nil	27	...
Puerperal Pyrexia	...	1	Nil	...	...	...	1	1	...	1
Erysipelas	...	1	2	...	2	4	2	4	2	...
Cerebro-spinal Fever ...	...	3	1	...	2	1	2	2	4	10
Ophthalmia Neonatorum	1	...	Nil	1	...	...	...	1	1	...
Acute Poliomyelitis	2	...	3	...	...	...	...	Nil	...	1
Measles	...	5	4	7	1	...	1	1	...	5
Encephal Leth.	...	...	Nil	...	...	...	...	Nil	...	...
Malaria	...	1	Nil	1	...	...	...	Nil	...	...
Polio-Encephalitis	...	...	Nil	...	...	...	...	Nil	...	...
Acute Pneumonia	2	2	1	2	...	2	...	1	2	9
Whooping Cough	...	2	Nil	3	2	1	2	1	2	...
Anthrax	...	...	Nil	...	...	...	1	1	...	...
Dysentery	3	2	1	2	2	1	...	...	...	...
Chicken Pox	...	...	Nil	1	...	...	...	...	...	...
Gastro Enteritis... ..	...	2	2	...	...	...	...	...	...	...
Food Poisoning	...	...	...	...	...	...	...	...	...	...
	16	30	47	44	87	40	52	49	89	114

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1949 (Local Register).

AGE PERIODS.		NEW CASES.				DEATHS.			
		Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
		M	F	M	F	M	F	M	F
Years	0	...	...	...	...	...	...	...	...
	1	...	...	...	...	...	...	...	...
	2	...	...	...	...	...	...	...	...
	5	...	...	...	1	...	...	...	...
	10	2	...	2	...	...	...	...	...
	15	1	1	1	...	...	1	...	...
	20	4	5	...	...	...	...	...	...
	25	1	8	...	...	...	2	...	...
	35	1	10	...	...	...	2	...	...
	45	1	1	...	1	1	...	...	...
	55	2	2	...	...	1	1	...	...
	65	1	...	...	...	...	1	...	...
	75 and upwards	1	...	...	...	1	...	...	...
TOTALS ...		14	27	3	2	3	7	Nil	
		41		5		10			

Death rate from Tuberculosis Respiratory System per 1000=0.36.

The rate of non-notified Tuberculosis deaths to total Tuberculosis deaths was one to 46.

There is no evidence of excessive incidence of, or mortality from Tuberculosis in any particular occupation in the district.

No action has been taken or necessary in respect of persons suffering from Pulmonary Tuberculosis, employed in the Milk Trade, or for the compulsory removal to hospital of persons suffering from Tuberculosis.

7.—Maternity and Child Welfare.

The whole of this work is carried out by the Lancashire County Council at 32 Linacre Road, Litherland.

OPHTHALMIA NEONATORUM.

This work is carried out by the Lancashire County Council; there was one case notified during the year.

FACTORIES ACT, 1937.

Annual Report of the Medical Officer of Health in respect of the Year 1949 for the Urban District of Litherland in the County of Lancaster.

PART I OF THE ACT.

1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises (1)	M/c line No. (2)	Number on Register (3)	Number of			M/c line No. (7)
			Inspections (4)	Written notices (5)	Occupiers prosecuted (6)	
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	1	15	36	Nil	Nil	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	62	183	Nil	Nil	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority † (excluding out-workers' premises)	3	5	12	Nil	Nil	3
TOTAL		82	231	Nil	Nil	

2.—Cases in which DEFECTS were found.

(If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more "cases.")

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (7)	M/c line No. (8)
		Found (3)	Remedied (4)	To H.M. Inspector (5)	Referred By H.M. Inspector (6)		
Want of cleanliness (S.1)	4	3	3	Nil	Nil	Nil	4
Overcrowding (S.2)	5						5
Unreasonable temperature (S.3) ...	6						6
Inadequate ventilation (S.4) ...	7	1	1	Nil	Nil	Nil	7
Ineffective drainage of floors (S.6)	8	3	3	Nil	Nil	Nil	8
Sanitary Conveniences (S.7)							
(a) insufficient	9				1		9
(b) Unsuitable or defective ...	10	14	14	Nil	Nil	Nil	10
(c) Not separate for sexes ...	11						11
Other offences against the Act (not including offences relating to Outwork)	12	12	12	Nil	Nil	Nil	12
TOTAL	60	33	33				60

PART VIII OF THE ACT. OUTWORK (Sections 110 and 111).

Nature of Work (1)	M/c line No. (2)	Section 110			Section 111			M/c line No. (9)
		No. of out- workers in August list required by Sect. 110 (1) (c) (3)	No. of cases of default in sending lists to the Council (4)	No. of prosecu- tions for failure to supply lists (5)	No. of instances of work in unwholesome premises (6)	N'tices served (7)	Prose- cutions (8)	
Wearing apparel { Making, etc.	13	2	Nil	Nil	Nil	Nil	Nil	13
	14							14
TOTAL	70	2	...	...	...	...	...	70

I again wish to thank the Chief Sanitary Inspector, Mr. H. Harrison, for his valued assistance, and to tender my thanks to the various members of the Council for considering advice given by me.

Your obedient Servant,

J. G. HAILWOOD,
Medical Officer of Health.

The Urban District Council of Litherland.

ANNUAL REPORT

OF THE

Sanitary Inspector.

1949.

September, 1950.

TO THE CHAIRMAN AND MEMBERS
OF THE HEALTH COMMITTEE.

GENTLEMEN,

I beg to submit the Annual Report of the work executed in the Health Department during the year ending 31st December, 1949, together with the particulars of the nuisances abated and improvements effected thereby.

INSPECTION OF THE DISTRICT, NOTICES SERVED, Etc.

During the year 4,729 inspections and re-inspections were made in reference to complaints and housing.

It was necessary in numerous instances, however, to interview and write to the persons concerned, drawing their attention to notices which had not received prompt attention.

There were 1,968 Preliminary Notices and letters, etc., referring to nuisances and general dilapidations served, and in due course complied with.

Six Abatement Notices were served during the year, and complied with.

Difficulties owing to shortage of building materials are being experienced, which cause considerable delay in the execution of repairs.

SCHOOLS.—Extra W.C. accommodation was provided at St. Philip's Schools during the year.

INSPECTION OF THE FOOD SUPPLY.—The food exposed for sale in the district has been inspected from time to time. Meat shops and food preparing places are inspected periodically.

One shopkeeper was warned for serving ice cream with dirty hands.

SLAUGHTER-HOUSES. — There is one "private" slaughter-house within the district; there was no slaughtering during the year.

INSPECTION OF MEAT:—

Food condemned as unfit for human consumption:—

3 Tons 15 cwts. 2 qrs. 10 lbs.

DAIRIES, COWSHEDS AND MILKSHOPS.—Number of cowkeepers on register, 1; number of milk shops (other than cowkeepers), 6; 20 visits were made during the year. On the whole a fairly high standard of cleanliness is maintained, and the health of the cattle is satisfactory.

Five supplementary licences were issued to retail:—

“ Tuberculin Tested ” Milk.

MILK SAMPLES.—Seven samples were taken for the discovery of Tuberculosis among cattle; all samples were reported “negative” to the biological test. Fifteen samples of milk were taken under the Food and Drugs Act, 1938; all samples were reported genuine.

There are approximately 9 cows kept in the district.

WATER SUPPLY.—The water supply is obtained from the Liverpool Corporation, and the only direct supply from the main is to the kitchen tap; all other supplies are from the storage cistern, which may be contaminated; most new houses have a washbowl in the bathroom. This supply should come direct from the main to avoid the risk of children or other persons drinking what might be contaminated water.

During the year a complaint was received of smells from a tap supplied from the storage cistern, the source of the trouble being a dead bird in the storage cistern.

FISH FRYING SHOPS AND WET FISH SHOPS.—Forty-nine visits were paid to fish frying shops and wet fish shops, which were maintained in a generally satisfactory condition.

SMOKE ABATEMENT.—Visits have been made where black smoke and grit have been excessive; interviews between engineers and stokers have taken place and advice given. One firm fixed a grit arrester last year at an approximate cost of £2,500, resulting in the removal of approximately 2 cwts. of grit every twenty-four hours. The engineer complains of the poor quality of the fuel, and are gradually converting to liquid fuel for steam raising.

REFUSE COLLECTION.—This work is carried out under the supervision of the Sanitary Department; three gangs, with three vehicles are used, and work in close proximity to each other to enable the foreman to control same. Two new Dennis refuse collection vehicles are on order to replace two old ones in use. These vehicles arrived one in May and one in June, 1950.

Two hundred and twenty-one new refuse bins were provided during the year, fifty-eight of these were purchased from the Council, who arrange to deliver same. The number of moveable ashbins in the district is approximately 6,489.

ERADICATION OF BED BUGS.—Sixty-two houses were disinfested during the year by means of spraying with Zaldecide and D.D.T., and sulphur candles. Clothing and bedding were taken to the Council's steam Disinfector. The whole of this work is carried out by the Council's workmen.

One hundred and thirty-nine houses were disinfested for cockroaches, fleas, ants, earwigs and wood worm. They were treated with Zaldecide and D.D.T. successfully. Snails in the back passages were treated with salt. Gammaxane powder has also been used with good results.

Six dead dogs and seven dead cats were removed during the year.

The tip at Brook Vale has been treated for fly infestation during the year. One food preparation place was treated for cockroaches.

RATS AND MICE DESTRUCTION ACT (THE INFESTATION ORDER, 1943).—This work has been carried out in accordance with the Ministry of Food's Direction, under the Infestation Order, 1943.

RATS AND MICE DESTRUCTION ACT (THE INFESTATION ORDER, 1943).—The County Council have delegated their powers under the Act to the Local Authority; one operative is employed on Rodent Control, with assistance from the Engineer's Department when engaged on sewers.

PRIVATE DWELLINGS.—During the year 68 complaints of rat infestation and 182 of mice infestation were received and dealt with. The treatment carried out resulted in the destruction of approximately 209 rats and 1,146 mice; advice was also given as to the storage of food.

BUSINESS PREMISES.—During the year 14 complaints of rat infestation and 18 of mice infestation were received and treated in accordance with the Ministry's instructions. The estimated kill after the above treatment was 126 rats and 628 mice.

COUNCIL PROPERTY.—The treatment of rat infestation on Council Property included the Town Hall, Salvage Depot, Stores and Park Greenhouses, resulting in the destruction of approximately 68 rats and 20 mice.

Beach Road tip received one treatment during the year, which was of a minor degree, resulting in the destruction of approximately 20 rats. Beach Road and Hatton Hill allotments were treated, resulting in the destruction of 23 rats.

SEWERS.—Two sewer treatments were carried out during the year, the first in March and the second in September. An Inspector of the Ministry visited the district whilst treatment was in progress and satisfied himself that the work was being carried out in accordance with the Ministry's instructions, thus enabling the Local Authority to receive assistance from the Ministry.

The estimated kill after these treatments was 81 rats.

Surface infestations of both rats and mice show a marked decrease on previous years at Private Dwellings, Business Premises and Refuse Tips.

A summary of the complaints and destruction of rodents is as follows:—

	<i>Complaints.</i>		<i>Destruction (approx.)</i>	
	<i>Rats.</i>	<i>Mice.</i>	<i>Rats.</i>	<i>Mice.</i>
Private Dwellings ...	68	182	... 209	1146
Business Premises ...	14	18	... 126	628
Council Property ...	—	—	... 68	20
Allotments and Tip ...	—	—	... 43	—
Sewers	—	—	... 81	—
Totals ...	82	200	... 527	1794

TENTS, VANS AND SHEDS.—There is no recognised camping site in the district, but caravan dwellers will persist in drawing in on to the waste land in the district, in particular the land between Hawthorne Road and Orrell Road. The Caravan dwellers have been visited regularly in company with the Police, who have given valuable assistance in keeping them under observation until removed.

SUPERVISION OF INFECTIOUS DISEASES.—Fifteen visits were paid to houses where Infectious Diseases had occurred and the necessary enquiries made into each case, also a sanitary survey was made of the premises, notices served where necessary for various defects, and work carried out, and 27 re-visits were paid to ensure that the work was carried out. The schools have been thoroughly disinfected during the year. The head teachers have been notified regarding children attending the schools where infectious disease had occurred, also after disinfection.

The Nursery has also been disinfected after minor infectious disease.

FACTORIES ACT, 1937.—Two hundred and thirty-one visits and re-visits were made to factories during the year. Repairs to W.C.'s, drains, water supply, floors, ventilation and rain-water pipes, have been carried out during the year. The larger factories find employment for approximately 2,992 persons.

OUTWORKERS.—Visits were made to premises where outworkers were engaged; the premises were found to be satisfactory.

SALVAGE.

WASTE FOOD.—During the year 49 tons 15 cwts. 0 qrs. of food was collected and disposed of to pig dealers.

WASTE PAPER.—During the year 74 tons 9 cwts. 0 qrs. of waste paper were baled and collected for pulping.

MISCELLANEOUS.—During the year approximately 18 tons of Metal, Rags, Sacking, Bones and Rubber were collected and disposed of.

SUMMARY OF WORK OF DEPARTMENT.

Number of inspections and re-inspections (complaints and housing)	4729
Number of visits and re-visits to factories	231
Number of visits to bakehouses	11
Number of visits to cowsheds ,dairies, and milkshops ...	31
Number of preliminary notices served and letters, etc. ...	1968
Statutory notices	6
Number of visits to offensive trades	4
Samples of milk submitted for bacteriological examination	7
Samples of milk taken under Food and Drugs Act ...	15
Cases of infectious disease visited and reported upon ...	15
Number of houses disinfected	90
Number of rooms disinfected	120
Number of verminous houses disinfested for bugs	62
Number of verminous houses disinfested for other insects, etc.	139
Number of visits to fish frying shops and wet fish shops ...	50
Number of visits to butchers' shops and food preparing places	220
Number of visits to slaughter-house	2
Number of visits to schools	16
Number of visits to stable premises and garages	47
Number of visits to Tents, Vans and Sheds	48
Rent books inspected	26

DETAILS OF SANITARY IMPROVEMENTS AND ABATEMENT OF NUISANCES.

Drains tested, repaired or renewed	...	...	...	...	234
Defective w.c. cisterns, pans, traps, water supply, etc.	...	...	...	...	220
Staircases repaired	...	...	...	...	11
Defective water supply to houses, etc., new taps, burst pipes, etc.	...	...	...	...	202
Defective floors in dwelling houses, etc.	...	...	...	...	96
Offensive Accumulations	...	...	...	...	40
New ashbins provided	...	...	...	...	221
Insanitary yard surfaces	...	...	...	...	118
Walls and chimneys pointed and repaired	...	...	...	...	261
Defective eaves, gutters, r.w. pipes, etc.	...	...	...	...	180
New back boilers, storage cisterns and cylinders provided or repaired	...	...	...	...	37
Defective skirting boards repaired	...	...	...	...	31
Defective plasterwork and limewashing, etc.	...	...	...	...	199
Repairs to window sashes and frames, and lighting and ventilation improved	...	...	...	...	193
Leaky roofs (dwelling houses), etc.		...	...	...	189
New doors and repairs to doors	...	...	...	...	179
Animals and Fowls kept to be a nuisance	...	...	...	...	3
Defective wash boilers and structures	...	...	...	...	12
New sinks or other sanitary fittings	...	...	...	...	77
Defective fire ranges, jambs, and flues	...	...	...	...	116
Defective drainer boards	...	...	...	...	13

FACTORIES ACT, 1937.

Want of cleanliness	...	...	...	...	3
Ineffective drainage of floors	...	...	...	...	3
Defective sanitary conveniences	...	...	...	...	14
Other defects (burst pipes, walls, etc.)	...	...	...	...	12
Inadequate ventilation	...	...	...	...	1

I am, Gentlemen,

Your obedient Servant,

H. HARRISON,

Chief Sanitary Inspector.

